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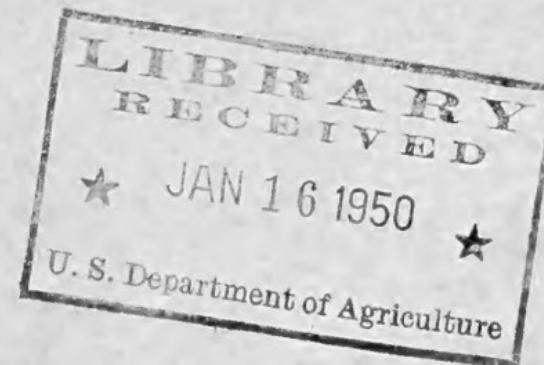
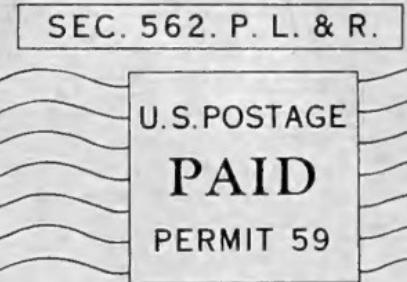


62.47 *Return Postage Guaranteed*  
**Ed.F.Mangelsdorf & Bro., Inc.**  
Wholesale Grass and Field Seeds



*Important!*  
**Market Quotations**

Jan. 5, 1950



Library, U. S. Dept. of Agriculture  
Washington 25, D. C.



## WHOLESALE FIELD AND GRASS SEEDS

WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHANGES.  
PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 25 CENTS FOR EACH PACKAGE OF 50 POUNDS OR LESS.  
PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE.

1020 So. Fourth St. ST. LOUIS 4, MO. Telephones L.D. 94 Main 0500

WE, ED. F. MANGELSDORF & BRO., INC., GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE PRODUCTIVENESS OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP.  
OUR LIABILITY, IN ALL INSTANCES, IS LIMITED TO THE PURCHASE PRICE OF THE SEED.

Jan. 5, 1950

List No. 604

### ALL SEEDS BILLED GROSS FOR NET - BAGS INCLUDED - NO CHARGE IS MADE FOR BAGS

#### ALFALFA U. S. Verified Origin

		Per 100 lbs.
Kansas	M Brand	\$54.00
Kansas short. Other good origins in better supply at lower prices.		
Colorado	M Brand	\$52.00
Utah	" "	54.00
Approved Oklahoma	" "	50.00
Common Oklahoma	" "	49.00
New Mexico	" "	46.00
Arizona	" "	34.00
California	" "	34.00
Argentine	M Brand	34.00
Reprocessed, highest quality, stained 10% Red.		

#### Northern Origin Alfalfa:

Dakota	M Brand	56.00
Nebraska	" "	54.00
Wisconsin	" "	54.00

#### Special Strains Alfalfa:

Buffalo, Certified, Sealed Bu. Bags	85.00
Ranger, " Ask	

Buffalo: Special strain developed in Kansas from plants specially selected for hardiness, wilt-resistance.

INCLUDE INOCULATION, Order Group 1.

#### SWEET CLOVER

		Per 100 lbs.
Standard (Mainly White)	M Brand	\$26.50
Yellow Blossom	" "	25.50
White & Yellow Mixed	" "	25.50
Unhulled Sweet Clover	" "	19.00
Hubam (Annual White)	" "	23.00
Madrid Sweet Clover (Scarce)	Ask	

INCLUDE INOCULATION, Order Group 1.

#### RED CLOVER

		Per 100 Lbs.
Medium	M Brand	\$53.00
Mammoth	" "	52.00
Idaho	" "	54.00
Lot "Cook" Med. Red Clover	50.00	
Lot "Cook" clear tag Mo.-Ill., shows 3% to 4% crop, otherwise standard quality.		
Midland, Certified	" " Ask	
Cumberland, " " 56.00		
" Uncertified " " 54.00		

INCLUDE INOCULATION, Order Group 2

#### ALSIKE CLOVER

		Per 100 lbs.
M Brand		\$41.00

INCLUDE INOCULATION, Order Group 2

#### LESPEDEZA

		Per 100 lbs.
Good crop, low prices. Substitute for higher-priced Grasses & Clovers for renovating pastures, seeding wasteland. Include in pasture mixtures. Low price warrants liberal use.	Ton	Bag
Lots	Lots	Lots
Korean, M Brand	\$6.75	\$7.00
" Fancy (shows dodder)	6.00	6.25
" Hullled, M Brand	8.75	9.00
Lespedeza, Early 19604	8.75	9.00
Kobe, M Brand	14.00	14.50

SERICEA:

Unhulled - M Brand	18.00	19.00
Scarified - " "	26.00	27.00

INCLUDE INOCULATION, Order Group 2.

#### LADINO CLOVER

		Per 100 lbs.
M Brand		\$41.00

INCLUDE INOCULATION, Order Group 2

#### BIRDFOOT TREFOIL

		Broadleaf
Excellent Legume for Pasture. Sow with grasses. Short supply this season.		

Small amounts only	\$1.70 per lb.
Important: Use Special Trefoil inoculation for good results.	

Birdfoot Trefoil descriptive leaflet giving cultural directions sent on request.

CRIMSON CLOVER	Per 100 Lbs.
M Brand	\$25.00

WHITE DUTCH CLOVER	Per 100 Lbs.
M Brand	\$25.00

100 Lbs. or more	25 to 50 Lbs.	Smaller Amount
\$90.00	\$92.00	\$95.00

85.00	87.00	90.00
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M BRAND INOCULATION		
Humus Culture for Legumes	Dealer Price	Retail Price

Size	Price
1-bu.	\$0.30

Birdsfoot Trefoil	.30	Retails at .50
Pkg. for 8lb.	.15	.25

Special Inoculation	Packed 12 in Carton	
	2-bu.	.20

	5-bu.	.33
	25-bu.	.15

Group 5—Cowpeas	.30-bu.	.19
Group 6—Soybeans	.30-bu.	.30

The 30-bu. size may be sold as one unit, or as 6 separate 5-bu. pkgs.		
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#### TIMOTHY

	Per 100 Lbs.
M Brand	\$32.00
Fancy	30.50
Mixed Tim.-Alsike (20% Alsike)	34.00

#### REDTOP

	Per 100 Lbs.
M Brand	\$58.00
Fancy	54.00
Choice	50.00

#### KY. BLUE GRASS

	Per 100 Lbs.
M Brand 21-lb.	\$64.00
Fancy 19-lb.	61.50
Superfine 24-lb.	68.00

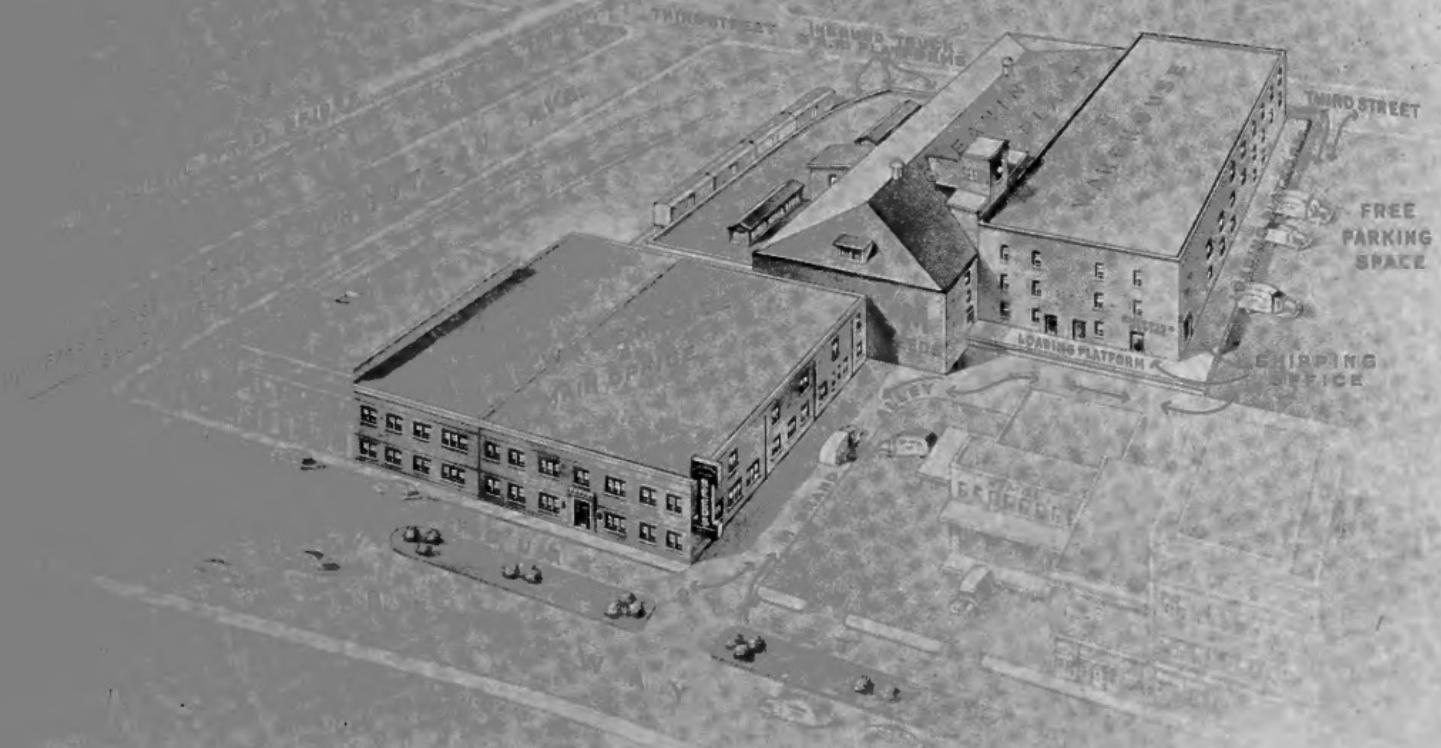
#### CANADA BLUE GRASS

	Later
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#### LAWN MIXTURES

	Per 100 lbs.
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## OUR ST. LOUIS PLANT

Convenient location: just south of Municipal (Free) Bridge—near truck depots, railroads, wholesale district—out of congested area.

Ample truck-loading space—**off the street**—with free parking lot. Two entrances—Fourth or Third St.—to platform which can serve 22 trucks at a time.

Railroad trackage alongside building. Bulk unloading provided for.

Building contains 150,000 square feet. Newest types cleaning machinery, with arrangement for quick, efficient, economical handling and cleaning of seeds.

Large, modern, daylight seed-testing laboratory to control buying, cleaning and preparation of seeds to meet and surpass requirements of the Federal and various State seed laws.

St. Louis is close to the producing territory of a wide assortment of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us to offer first-hand at low prices.

In addition, we operate our large cleaning and storage plant at Atchison, Kansas, for handling and cleaning seeds originating in that area and the West. Atchison is in the northeast corner of Kansas, just across the Missouri line, in the center of the Blue Grass producing districts of Missouri, Kansas, Iowa and Nebraska.

**ED. F. MANGELSDORF & BRO., INC.**  
1020 SOUTH FOURTH STREET  
**ST. LOUIS 4**

Wholesale Only. Under same management in St. Louis since 1919.



## **SEED DISINFECTANTS**

Treated seed gives better stands, helps prevent plant disease, improves yields and quality.

### **CERESAN, NEW IMPROVED**

For Wheat, Barley, Oats, Rye.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
4-oz. can	\$ 0.45	\$ 3.30 per doz.	3 doz.
1-lb. "	1.00	8.00 "	1 "
4-lb. "	3.40	15.30 " $\frac{1}{2}$ "	$\frac{1}{2}$ "
40-lb. pail	28.75	23.00 per pkg.	1 per pkg.
100-lb. D.	69.00	55.00 "	1 "

### **CERESAN "M"**

For Wheat, Barley, Oats, Rye, Sorghums, Flax, Millet, Cotton, Sugar Beets. Can be used as a dust, or the slurry method.

14 oz.	\$ 1.00	\$ 8.00 Doz.	12
3 lb.	2.85	25.50 "	6
40 lb. Pail	28.75	23.00 Ea.	1
100-lb. Drum	69.00	55.00 "	1

### **SEMESAN BEL New Improved**

A Dip disinfectant for seed potatoes. (1 pound treats 60 to 80 Bushels.)

2-oz. pkt.	\$ 0.50	\$ 3.25 per doz.	12 doz.
1-lb. can	2.00	16.00 " "	1 "
4-lb. "	6.35	28.50 $\frac{1}{2}$ " "	$\frac{1}{2}$ "

### **SEMESAN**

A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

$\frac{1}{2}$ -oz. pkt.	\$ 0.20	\$ 1.45 per doz.	12 doz.
2-oz. can	0.60	4.45 " "	3 "

## **REGULAR CERESAN**

For Cotton, Millets, Sorghums. One pound treats 5 to 8 Bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
1-lb. can	\$ 0.85	\$ 7.05 per doz.	1 doz.
4 $\frac{3}{4}$ -lb. "	3.50	15.60 $\frac{1}{2}$ "	$\frac{1}{2}$ "
25-lb. pail	16.10	12.75 per pkg.	1 only
100-lb. D.	57.75	47.20 " "	1 "

### **BARSPROUT**

A dust applied to Potatoes and other root crops to retard sprouting in storage.

	Dealer	Retail
12 oz. can	48 per case	\$8.00 Doz.
5 lb. "	4 " "	3.65 Ea. 5.50 "

## **WEEDICIDE WEED KILLER**

### **LIQUID REGULAR (2-4D)**

(Dilute 1 oz. to  $1\frac{1}{2}$  gal. water).

Size	Treats	Packed	Dealer	Retail
2-oz.	680 sq. ft.	2 doz.	\$1.80 Doz.	\$0.25 Ea.
1-qt.	$\frac{1}{4}$ -acre	6 only	14.00 "	1.75 "

### **LIQUID CONCENTRATE (2-4D)**

(Dilute 1 ounce to 6 gals. of water).

1-pt.	$\frac{1}{2}$ acre	1 doz.	\$16.00 Doz.	\$2.00 Ea.
1-qt.	1 "	6 only	28.00 "	3.50 "
1-gal.	4 acres	1 "	5.80 Ea.	6.85 "
5-gal.	20 "	1 "	27.75 "	32.75 "

ALL PRICES SUBJECT TO CHANGE  
WITHOUT NOTICE

## **END O PEST**

3 way protection for chewing insects, sucking insects and fungus diseases.

	Dealer	Retail
10 oz. Applicator Gun (24 per case)	\$15.25 Case	\$0.98 Ea.
10 oz. Refill Cartridge (24 per case)	11.70 "	.75 "
2 lb. Pouring Spout pkg. (12 per case)	12.60 "	1.50 "

### **ACCOTOX 50% DDT Wettable Powder.**

Add to water for cattle and barns

	Dealer
4-lb. bags (12 per case)	\$1.20 per bag

## **FUMIGANTS**

### **CYANOGEN, A-DUST**

for pest control

### **CYANOGEN, G-FUMIGANT**

for mill and elevator fumigation

State purpose for which desired.

Size	Per Case	Dealer	Retail
4-oz.	1 dozen	\$2.80 Doz.	\$0.39 Ea.
1-lb.	4 "	7.00 "	.98 "
5-lb.	20 cans	2.50 Ea.	3.75 "
25-lb.	4 "	9.35 "	12.50 "
100-lb.	1 can	24.00 "	30.00 "

### **FOOT PUMP DUSTERS**

\$8.25 Ea. \$11.00 Ea.



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## BUSINESS REPLY CARD

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ST. LOUIS 4, MO.

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Mo.



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## SEED CHART

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SOWING
ALFALFA.....	60	15-20	MARCH, MAY-AUGUST, SEPTEMBER
ALSIKE CLOVER.....	60	6-10	JANUARY, APRIL-AUGUST, OCTOBER
ATLAS SORGO.....	56	20-30	APRIL-JULY
BARLEY.....	48	72-96	MARCH, APRIL-SEPTEMBER
BERMUDA GRASS.....	40	5-10	MARCH-JUNE
BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	14	30-40	FEBRUARY, JUNE-AUGUST, OCTOBER
BROME GRASS.....	14	15-25	FEBRUARY, APRIL-AUGUST, OCTOBER
BUCKWHEAT.....	48	48-60	MAY-JULY
CANE, FODDER.....	50	50-65	MAY-JULY
CORN, FIELD.....	56	7-10	MAY-JULY
" ENSILAGE.....	56	30-35	MAY-JULY
CLOVER, ALSIKE.....	60	6-10	JANUARY, APRIL-AUGUST, OCTOBER
" BUR (HULLED).....	60	15-20	AUGUST-NOVEMBER
" CRIMSON.....	60	15-20	JULY-OCTOBER
" RED.....	60	10-12	JANUARY, APRIL-AUGUST, NOVEMBER
" SWEET.....	60	15-25	JANUARY, MAY-JULY, SEPTEMBER
" SWEET (UNHULLED).....	40	25-40	NOVEMBER-FEBRUARY
" WHITE (LAWNS: 1 LB. 400 SQ. FT.).....	60	3-5	FEBRUARY, JUNE-AUGUST, OCTOBER
COWPEAS (DRILLED).....	60	45-70	MAY-AUGUST
GROHOMA.....	56	20-30	APRIL-JULY
JOHNSON GRASS.....	28	20-30	APRIL-JULY
KAFFIR CORN-MILO MAIZE-HEGARI.....	56	20-30	MAY-JULY
LAWN GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	25	150-200	FEBRUARY, APRIL-AUGUST, OCTOBER
LESPEDIZA, KOREAN (MEASURED BU. 45 LBS.).....	25	15-25	FEBRUARY-MAY
" KOREAN (HULLED).....	60	10-15	FEBRUARY-MAY
MEADOW FESCUE (ENGLISH BLUE GRASS).....	24	25-35	MARCH, MAY-AUGUST, SEPTEMBER
MILLET, GERMAN.....	50	40-50	MAY-JULY
" HUNGARIAN.....	48	40-50	MAY-JULY
" JAPANESE.....	35	25-40	MAY-JULY
OATS.....	32	50-75	MARCH-MAY
ORCHARD GRASS.....	14	20-25	MARCH, MAY-AUGUST, OCTOBER
PASTURE MIXTURE.....	25	25-35	MARCH, JUNE-AUGUST, OCTOBER
RAPE, DWARF ESSEX.....	56	6-10	APRIL-SEPTEMBER
REDTOP, SOLID (MEASURED BU. 32 LBS.).....	14	8-12	FEBRUARY, JUNE-AUGUST, OCTOBER
" UNHULLED.....	14	20-30	FEBRUARY, JUNE-AUGUST, OCTOBER
REED CANARY GRASS.....	30	8-12	FEBRUARY, APRIL-AUGUST, SEPTEMBER
RYE, WINTER.....	56	60-90	JULY-NOVEMBER
RYE GRASS.....	24	25-35	FEBRUARY, JUNE-AUGUST, OCTOBER
SOYBEANS (DRILLED).....	60	30-60	MAY-AUGUST
SUDAN GRASS.....	40	15-30	APRIL-JULY
SUNFLOWER.....	22	3-6	MAY-JULY
TIMOTHY.....	45	8-12	FEBRUARY, MAY-AUGUST, NOVEMBER
VETCH, HAIRY WINTER.....	60	30-50	AUGUST-NOVEMBER